

Claims

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- [c1] 1. An assembly for housing an electrical energy storage device, comprising:
a support structure disposed within a vehicle passenger compartment for supporting the electrical energy storage device;
a combined housing/console structure for concealing, at least partially, said support structure and the electrical energy storage device; and
a housing cover, having at least one console feature, for mounting on said combined housing/console structure.
- [c2] ② The assembly according to claim 1, wherein said combined housing/console structure comprises at least one ventilation opening.
- [c3] 3. The assembly according to claim 1, wherein said combined housing/console structure comprises at least one console feature.
- [c4] 4. The assembly according to claim 1, wherein said housing cover comprises at least one ventilation opening.
- [c5] ⑤ The assembly according to claim 1, wherein said housing cover comprises a storage compartment.
- [c6] 6. The assembly according to claim 1, wherein said housing cover comprises at least one side removably attached to the housing/console structure.
- [c7] 7. The assembly according to claim 1, wherein said housing cover is detachable from said housing/console structure.
- [c8] ⑧ The assembly according to claim 1, wherein said housing cover is fixedly attached to and in cooperation with said housing/console structure on one side such that said housing cover can be lifted and swung off said housing/console structure to form an accessory support structure.
- [c9] 9. The assembly according to claim 1, further comprising means for affixing said housing cover to said combined housing/console structure.
- [c10] * ⑩ The assembly according to claim 1, further comprising accessory support means attached to said housing/console structure.

- [c11] 11. The assembly according to claim 1, further comprising accessory support means attached to said housing cover.
- [c12] 12. An automobile battery housing assembly comprising:
- ~ a battery support structure disposed within a passenger compartment of an automobile;
 - ~ at least one battery unit mounted on said battery support structure;
 - ~ a combined battery housing/console structure for concealing, at least partially, said battery support structure and said at least one battery unit; and
 - ~ a housing cover, having at least one console feature, for mounting on said battery housing. *assembly*
- [c13] 13. The battery housing assembly according to claim 12, wherein said combined battery housing/console structure comprises at least one ventilation opening.
- [c14] 14. The battery housing assembly according to claim 12, wherein said combined battery housing/console structure comprises at least one console feature.
- [c15] 15. The battery housing assembly according to claim 12, wherein said housing cover comprises at least one ventilation opening.
- [c16] 16. The battery housing assembly according to claim 12, wherein said housing cover comprises a storage compartment.
- [c17] 17. The battery housing assembly according to claim 12, wherein said housing cover comprises at least one side removably attached to said combined battery housing/console structure.
- [c18] 18. The battery housing assembly according to claim 12, wherein said housing cover is detachable from said combined battery housing/console structure.
- [c19] 19. The battery housing assembly according to claim 12, wherein said housing cover is fixedly attached to and in cooperation with said combined battery housing/console structure on one side such that said housing cover can be lifted and swung off said combined battery housing/console structure to form an accessory support structure.

- [c20] 20.The battery housing assembly according to claim 12, further comprising means for affixing said housing cover to said combined battery housing/console structure.
- [c21] (21).The battery housing assembly according to claim 12, further comprising accessory support means attached to said housing/console structure.
- [c22] (22).The battery housing assembly according to claim 12, further comprising accessory support means attached to said housing cover.
- [c23] 23.An automobile having dual battery systems, comprising:
a battery support structure arranged within a passenger compartment of the automobile;
at least one battery unit corresponding to one of said battery systems mounted on said battery support structure;
a combined battery housing/console structure for concealing, at least partially, said battery support structure and said at least one battery unit; and
a housing cover, having at least one console feature, for mounting on said battery housing.
- [c24] (24).The automobile according to claim 23, wherein said battery support structure is placed between second row seats inside the passenger compartment.
- [c25] (25).The automobile according to claim 23, wherein said battery support structure is placed between third row seats inside the passenger compartment.
- [c26] 26.A cover for a vehicle console structure, comprising:
at least one side removably attached to the console structure; and
at least one surface having a vehicle console feature.
- [c27] 27.The cover according to claim 26, wherein said cover is detachable from the console structure.
- [c28] 28.The cover according to claim 26, further comprising a fixedly attached to and in cooperation with the console structure on one side such that said cover can be lifted and swung off the console structure to form an accessory support

structure.

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